

Westlake EM811AA Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

WESTLAKE low-density polyethylene EM811 is a low-density polyethylene used for injection molding. It is characterized by high flow and low stiffness. Application/Uses Flexible medical Medical FDA: This material complies with FDA regulations in 21 CFR, section 177.1520. Kosher Compliant. All information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-EM811AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.916 g/cc	0.0331 lb/in ³	ASTM D1505
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	9.00 MPa	1310 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	300 %	300 %	500mm/min; ASTM D638 Type IV Specimen
2% Secant Modulus	0.200 GPa	29.0 ksi	12.7mm/min; ASTM D790

Processing Properties	Metric	English	Comments
Melt Temperature	149 - 166 °C	300 - 330 °F	

Descriptive Properties	Value	Comments
Process	Injection Molding	
Region	US & Canada	Bamberger Polymers Distribution

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